

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, listings, of claims in the application:

Claims 5-8 (canceled)

Claim 9 (original): A method for making a non-linear inductor from laminations of magnetic material having different widths comprising:

stacking said laminations to produce an air gap with two or more widths; and

adjusting the width of said air gap and the number of said laminations to produce a desired non-linear inductance characteristic for said inductor.

Claim 10 (original): A method for making a non-linear inductor from laminations of magnetic material having different widths comprising:

stacking at least a predetermined number of said laminations having one of said different widths and a predetermined number of said laminations having another of said different widths to produce an air gap with two or more widths; and

adjusting the arrangement of said predetermined number of said laminations having one of said different widths and said predetermined number of said laminations having said another of said different widths in said stack to produce a desired non-linear inductance characteristic for said inductor.